

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A wireless network environment, comprising:
 - a plurality of classes of wireless clients, each class of wireless clients having unique identifiers and attributes independent of other classes of wireless clients within the wireless network environment; and
 - a wireless client independent wireless server coupled to communicate with said classes of wireless clients to provide a series of services available on said server, said classes of wireless clients issuing service requests to the wireless server via established communication links and protocols within the network; ~~and~~wherein one of said series of services comprises automatic client type detection logic configured to detect a particular class of a wireless client from the plurality of classes of wireless clients using extensible parameters and default profiles,
wherein the extensible parameters are associated with the default profiles, wherein each default profile defines one of the plurality of classes of wireless clients, and
wherein the extensible parameters comprise at least one selected from the group consisting of a type of the browser executing on the client, a type of operating system executing on the wireless client, a version of the browser executing on the wireless client, and a bandwidth of the wireless client.
2. (Currently Amended) The wireless network environment of claim 1, wherein said automatic client type detection logic is configured to ~~comprises client aware detection logic for~~ automatically detect~~[[ing]] client specific attributes~~ said extensible parameters from service requests issued to said wireless server from ~~[[a]] the wireless client within any of the classes of wireless clients.~~
3. (Currently Amended) The wireless network environment of claim 2, wherein said wireless server further includes a wireless client data storage logic coupled to said automatic client type ~~wireless~~ detection logic to store client data objects which uniquely define each wireless client within said each of said plurality of classes of clients, wherein the client data objects comprises the extensible parameters.

4. (Currently Amended) The wireless network environment of claim 2, wherein said automatic client type detection logic is configured to detect[[s]] client[[s]] specific attributes of [[a]] the wireless client seeking services from the wireless server by examining the hypertext transport protocol header from the client's service requests, wherein the client specific attribute comprises the extensible parameters.
5. (Currently Amended) The wireless network environment of claim 2, wherein the extensible parameters are ~~said client detection logic comprises client data distinguishing logic for distinguishing between predefined client information pertaining to a client within any of said classes of wireless clients stored in said client data storage logic and client data information which is~~ dynamically extracted by said automatic client type detection logic.
6. (Currently Amended) The wireless network environment of claim 4, wherein said automatic client type detection logic is configured ~~extensible~~ to dynamically gather client specific information as said client issues service requests to said wireless server, wherein the client specific information comprises the extensible parameters.
7. (Currently Amended) The wireless network environment of claim 6, wherein said automatic client type detection logic extracts client specific attributes from said wireless client's user-agent Hyper Text Transport Protocol header from the client's service request issued to the wireless server.
8. (Currently Amended) The wireless network environment of claim 7, wherein said client detection logic extracts client specific attributes from headers other than the user-agent header in the wireless client's Hyper Text Transport Protocol request.
9. (Currently Amended) A wireless server for handling a plurality of wireless service requests from a plurality of wireless clients each having unique identifying attributes, said wireless server comprising:
 - a wireless extensible client aware detector comprising default profiles and extensible parameters,
 - wherein each of the default profiles defines one of a plurality of classes of the plurality of wireless clients

wherein the extensible parameters and the default parameters are used to determine a class of each of the plurality of wireless clients,

wherein the extensible parameters are associated with the default profiles;

a wireless client data storage coupled to said extensible wireless client aware detector;

and

a wireless server session service coupled to said ~~extensible~~ wireless extensible client aware detector,

wherein the extensible parameters comprise at least one selected from the group consisting of a type of the browser executing on the one of the plurality of wireless clients, a type of operating system executing on the one of the plurality of wireless clients, a version number of the browser executing on the one of the plurality of wireless clients, and a bandwidth of the one of the plurality of the wireless client.

10. (Currently Amended) The wireless server of claim 9, wherein said wireless extensible client aware detector is configured to ~~capable of extract[[ing]]~~ said extensible parameters ~~client specific data to uniquely identify wireless clients requesting services from said wireless server.~~

11. (Currently Amended) The wireless server of claim 10, wherein the wireless extensible client aware detector comprises logic to differentiate default profiles associated with one of the plurality of classes of wireless clients and associated extensible parameters ~~predefined data pertaining to a particular wireless client stored in the wireless server from client specific data~~ dynamically extracted at client run-time.

12. (Cancelled)

13. (Currently Amended) The wireless server of claim 11, wherein the wireless extensible client aware detector comprises client request deciphering logic for parsing client service request headers to determine whether data pertaining to a specific client requesting service from the wireless server is already available in the wireless server or not, wherein the data comprises the extensible parameters.

14. (Original) The wireless server of claim 13, wherein the client aware detector further comprises client data extensible logic for dynamically extracting clientType information which is not already stored in the wireless server from the client request headers.
15. (Original) The wireless server of claim 14, wherein said clientType information defines a logical group of clients uniquely identified by an extensible list of properties common to the group.
16. (Currently Amended) A wireless server, comprising:
- a plurality of extensible definition files, each of said plurality extensible definition files used to ~~for providing~~ detect[[ion for]] a class of wireless clients that communicate with said wireless server system; and
 - an automatic detection system, coupled to access said plurality of extensible definition files, for applying a particular extensible definition file to a particular wireless client for automatically detecting the class of said particular wireless client, wherein said particular definition file comprises information found within a service request of said wireless client that allows said detecting thereof,
 - wherein each of said plurality of extensible definition files comprises a default profile and extensible parameters,
 - wherein the extensible parameters comprises at least one selected from the group consisting of a type of the browser executing on the wireless client, a type of operating system executing on the wireless client, a version of the browser executing on the wireless clients, and a bandwidth of the wireless client.
17. (Original) The wireless server system of claim 16, wherein said automatic detection system is rendered capable of recognizing a new client class by the addition of a corresponding new definition file to said plurality of extensible definition files.
18. (Original) The wireless server system of claim 16, wherein said information found within said service request includes information found within an agent header of said service request.
19. (Original) The wireless server system of claim 16, wherein said information found within said service request comprises the time of day of said service request.

20. (Original) The wireless server system of claim 16, wherein said information found within said service request comprises communication bandwidth of said service request.
21. (Original) The wireless server system of claim 18, wherein said information found within said service request further comprises the time and date of said service request.
22. (Original) The wireless server system of claim 21, wherein said information found within said service request further comprises communication bandwidth of said service request.
23. (Currently Amended) A client aware method of detecting wireless clients within a wireless network attempting to connect to a wireless server, comprising the steps of:
receiving client service requests from a ~~plurality of~~ wireless client[[s]] connecting to the wireless server; and
parsing header information in said wireless client service requests to automatically extract client specific information and comparing said client specific information to extensible parameters and default profiles in order to detect a class of said wireless client ~~that is attempting to connect to said wireless server,~~
wherein the extensible parameters are associated with the default profiles, each default profile defining one of a plurality of classes of wireless clients,
wherein the extensible parameters comprises at least one selected from the group consisting of a type of the browser executing on the wireless client, a type of operating system executing on the wireless client, a version of the browser executing on the wireless clients, and a bandwidth of the wireless client.
24. (Original) The method of claim 23, wherein the information extracted from said wireless client service requests may be information common to a group of clients within said plurality of wireless clients.
25. (Currently Amended) The method of claim 23, wherein the extensible parameters are ~~further including a step of dynamically adding new parameters~~ extracted from the wireless clients service requests ~~to detect said clients by the wireless server.~~
26. (Original) The method of claim 24, wherein user-agent header information is parsed to detect the characteristics of the wireless client connecting to said wireless server.

27. (Original) The method of claim 24, wherein header information other than user-agent headers is extracted from said wireless client service request to detect the wireless client connecting to said wireless server.
28. (Currently Amended) The method of claim 23, wherein said extensible parameters further comprise definitions found in header information of a client's browser.
29. (Currently Amended) The method of claim 28, wherein said extensible parameters further comprise definitions of time of day requests ~~and client communication bandwidth of a client.~~